

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029**

November 30, 2018

SUBJECT: Town of Blades – Public Wells and Water System [FORMTEXT]

FROM: Connor O'Loughlin
EPA Site Assessment Manager

TO: Brandon Slater
Water & Maintenance Supervisor
20 West Fourth Street
Blades, DE 19973

Dear Mr. Slater,

The U.S. Environmental Protection Agency (EPA) is requesting the Town of Blades assistance with gathering information and data regarding the public water system and storm sewer conveyance system. EPA is issuing this request for information from the Town of Blades as the operator of three public wells and the sewer system to be included in EPA's Site Inspection (SI), and Hazard Ranking System (HRS) documents evaluating the contamination in Blades, DE.

During the month of October 2018 EPA conducted assessment, drilling, and sampling in the town of Blades, DE. EPA would like to verify data for the public wells, collect additional information about the operations of the public wells, and operations of the sewer system in the town.

Permit #	DGS ID #	Blades Local ID #	Screen Depth	Screen Length	Drilled Date	Max Pumping Rate	Max Daily Use (GPM)
40024	Pc34-07	#1	66-96 ft	30 ft	6/28/1978	250 GPM	300,000
40025	Pc34-06	#2	66-96 ft	30 ft	6/28/1978	250 GPM	300,000
248353	Pc34-05	#3	65-90 ft	30 ft	11/01/1978	150 GPM	160,000
242434	NA	Triangle Park	65-95 ft	30 ft	4/17/2013	157 GPM	Test Well

The EPA requests copies of the final well permits and construction diagrams or comments for each well and current water level data for the month of October 2018. If possible please include information regarding the water level during pumping and when the wells are not in operation.

As part of the documentation an understanding of the past operations are requested to fully assess the human health and environmental contamination.



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Data Requested and Verification:

- Well construction diagrams and permits for the four wells.
- An understanding of how the wells are plumbed together and distributed (past and present).
- Pumping regimes
 - Are all three wells pumping at the same time or intermittently. Or are the wells controlled in another fashion.
 - Total monthly gallons pumped/served to the public.
 - Total service connections? (i.e. population served)
 - Current treatment system setup.
- A current map/coordinates of the public wells or other production wells in the area.
- A current map of the storm water and sewer system.

EPA appreciates the Town of Blades assistance to process this information request. If there are any questions or comment, please feel free to call me at 215-814-3304 or email me at [

HYPERLINK "<mailto:oloughlin.connor@epa.gov>"].

Connor O'Loughlin

EPA Site Assessment Manager

c.c. Vikki Prettyman (Town of Blades Administrator) (electronic copy)



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